(b) The main constraints for development of hydro electric potential in the country are as under:

(i) Land acquisition and Rehabilitation problems.

(ii) Environment, Forest and Wildlife Clearance Problems.

(iii) Adverse Geological Problems.

(iv) Location of hydro sites in remote & inhospitable areas.

(v) Law & Order Problems.

(vi) Inter-State Aspects.

(vii) Higher initial construction costs.

(c) Under the 50,000 MW Hydroelectric Initiative, Pre-Feasibility Reports of 162 schemes located in 16 States have been prepared. Based on a preliminary analysis, in the first phase, 77 schemes aggregating to an installed capacity of 33,951 MW have been taken up for detailed Survey & Investigation and preparation of Detailed Project Reports (DPRs) for eventual implementation. These schemes are likely to be implemented during 11th Plan and beyond.

(d) During the 11th Plan, a capacity addition of about 67,000 MW (tentative) on all India basis as per National Electricity Plan has been envisaged of which about 17,000 MW is proposed to be Hydro Capacity.

Role of NTPC in Dabhol Power Project

94. SHRI DHARAM PAL SABHARWAL: Will the Minister of POWER be pleased to state:

(a) whether NTPC has signed or likely to sign agreements with State Governments in respect of power projects;

(b) if so, the details thereof; and

(c) whether NTPC would also play a vital role in the Dabhol Power Project to ensure its completion, and if so, the detailed terms and conditions of NTPC and DPC?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) and (b) National Thermal Power Corporation (NTPC) has already signed the Bulk Power Supply Agreement (BPSA) and Power Purchase Agreements (PPAs) with States for power supply from its existing power stations (already commissioned). The details is enclosed at Statements-I (*See* below). Status of signing of PPA for various ongoing and new projects of NTPC is enclosed at Statement-II (*See* below)

In future also, NTPC would continue to sell power to various beneficiaries and sign Power Purchase Agreements for this purpose.

(c) Union Cabinet constitued an Empowered Group of Ministers (EGOMs) to consider and decide all issues related to Dabhol Power Project. The restructuring framework approved by EGOM *inter alia* included setting up of a 'project SPV' having equity contribution of Rs. 500 crore each from NTPC, Gas Authority of India Ltd. (GAIL) and Indian Financial Institutions (IFIs) to acquire the assests of Dabhol Power Company (DPC), free of all encumbrances and past liabilities through the Debt Recovery Tribunal (DRT)/Court process. Accordingly, a new Company, Ratnagiri Gas and Power Private Ltd. (RGPPL) was incorporated on 8th July, 2005 under the Companies Act, 1956 with NTPC and GAIL as promoters.

Detailed terms and conditions for acquiring the Dabhol Project assets were mutually agreed between RGPPL, DPC, Indian Lenders to DPC and other related parties and were filed in the Hon'ble High Court of Judicature at Mumbai in the Consent Petition on 22nd of September, 2005. On the same day the Hon'ble Court passed its Order for the transfer of assets of DPC to RGPPL. Thus RGPPL, currently having equity contribution of Rs. 500 crore each from NTPC, GAIL, IFIs and non-cash equity of Rs. 265 crore of MSEB Holding Company owns the Project and is responsible for its completion. NTPC's role in RGPPL is limited to its rights and obligations as one of its shareholder. In addition, NTPC, through its consultancy division, is also providing its expert technical services for early commissioning of the power plant as required by RGPPL on commercial basis.

Statement-I

Bulk Power Supply Agreement (BPSA)/Power Purchase Agreement signed with beneficiaries of NTPC for existing stations

Station (Capacity MW)	Date of signing of BPSA/PPA	Beneficiary
Singrauli STPS (2000) Rihand STPS (1000) Unchahar TPS (420) Dadri TPS (840) Anta GPS (413) Auraiya GPS (652) Dadri GPS (817)	31.01.1994	Uttar Pradesh, Rajasthan, Delhi, Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir, UT Chandigarh
Korba STPS (2100) Vindhyachal STPS (1260) Kawas GPS (645) Gandhar GPS (648)	12.01.1994	Madhra Pradesh, Maharashtra Gujarat, Goa, Daman & Diu, Dadra Nagar Haveli
Vindhyachal-II (1000)	13.08.1994	Madhya Pradesh, Gujarat, Maharashtra, Goa, Daman & Diu, Dadra Nagar Haveli
Ramagundam STPS (2100)	28.09.1993	Andhra Pradesh, Kerala, Goa Karnataka, Pondicherry
Farakka SPS (1600) Kahalgaon STPS (840) Talcher STPS (1000)	25.05.1993	West Bengal, Bihar, Orissa, Damodar Valley Corporation, Sikkim
Talcher Thermal (460)	08.03.1995	Orissa
Simhadhri (1000)	04.02.1997	Andhra Pradesh
Kayamkulam GPS (350)	06.01.1995	Kerala
Faribabad GPS (430)	22.12.1995	Haryana
Talcher-II (2000)	06.04.1998 16.04.1998 13.05.1998 10.06.1998 22.06.1998	Andhra Pradesh Karnataka Tamil Nadu Kerala Pondicherry

Station (Capacity MW)	Date of signing of BPSA/PPA	Beneficiary
Rihand-II (1000)	17.09.1998	Haryana
	12.03.1998	Uttar Pradesh
	13.08.1999	Himachal Pradesh
	19.02.2000	J&K
Unchahar-II (420)	20.09.1998	Punjab
	12.03.1999	Uttar Pradesh
	20.12.1999	Himachal Pradesh
	19.02.2000	J&K
Tanda TPS (440)	07.01.2001	Uttar Pradesh
Ramagundam-III (500)	01.02.2001	Andhra Pradesh
	19.07.2001	Kerala
	12.09.2001	Tamil Nadu
	21.07.2001	Karnataka
	18.06.2001	Pondicherry

Statement-II

Status of Power Purchase Agreement of ongoing/new projects

Project (Capacity)	States who have requisitioned power and signed the PPA	Date of signing of PPA
Sipat Stage-I (1980 MW)	1. Madhya Pradesh	08.11.1998
	2. Chhattisgarh	10.09.2005
	3. Maharashtra	06.12.2003
	4. Gujarat	24.06.2002
	5. Goa	07.11.2002
	6. Daman & Diu	10.05.2000
	7. Dadra & Nagar Haveli	10.05.2000
Sipat Stage-II (1000 MW)	1. Madhya Pradesh	13.02.2003/20.06.2005
	2. Maharashtra	10.12.2003
	3. Gujarat	29.10.2003/14.05.2005
	4. Goa	16.12.2003
	5. Daman & Diu	09.10.2003
	6. Dadra & Nagar Haveli	09.10.2003
	7. Chhattisgarh	08.10.2003

Project (Capacity)	States who have requisitioned power and signed the PPA	Date of signing of PPA
Vindhyachal	1. Madhya Pradesh	13.12.2003
Stage-III (1000 MW)	2. Maharashtra	20.02.2003
	3. Gujarat	29.10.2003
	4. Goa	24.04.2003
	5. Daman & Diu	17.02.2003
	6. Dadra & Nagar Haveli	13.05.2003
Unchahar	1. Uttar Pradesh	10.06.2003
Stage-III (210 MW)	2. J & K	27.05.2003
	3. Himachal Pradesh	06.06.2003
	4. Punjab	02.11.2003
	5. Chandigarh	29.11.2002
Kahalgaon-II	1. Madhya Pradesh	
(1500MW)	2. Maharashtra	13.02.2003/19.09.2005
	3. Gujarat	26.05.2003/10.10.2003
	4. Daman & Diu	29.10.2003/14.05.2004
	5. Dadra & Nagar Haveli	26.03.2003/9.10.2003
	6. Punjab	13.05.2003/9.10.2003 2.11.2002/7.10.2003
	7. Rajasthan	19.04.2003
	8. Uttar Pradesh	10.06.2003/12.12.2003
	9. Himachal Pradesh	06.06.2003/26.09.2003
	10. Jammu & Kashmir	27.05.2003/15.10.203
	11. Chandigarh	29.11.2002/26.09.2003
	12. West Bengal	05.08.2003
	13. Bihar	12.06.2003
Barh (1980 MW)	1. Daman & Diu	26.03.2003
	2. Madhya Pradesh	13.02.2003
	3. Gujarat	29.10.2003
	4. Punjab	02.11.2002
	5. Rajasthan	19.04.2003
	6. Himachal Pradesh	06.06.2003
	7. Jammu & Kashmir	27.05.2003
	8. Chandigarh	29.11.2002
	9. Bihar	08.01.2004
North Karanpura	1.Dadra & Nagar Haveli	13.05.2003
(1980 MW)	2. Daman & Diu	26.03.2003

Project (Capacity)	States who have requisitioned power and signed the PPA	Date of signing of PPA
	3. Madhya Pradesh	13.2.2003
	4. Gujarat	29.10.2003
	5. Punjab	02.11.2002
	6. Rajasthan	19.04.2003
	7. Himachal Pradesh	06.06.2003
	8. Jammu & Kashmir	27.05.2003
	9. Chandigarh	29.11.2002
	10. Jharkhand	14.11.2003
Kawas-II (1300 MW)	1. Gujarat	21.03.2005
	2. Maharashtra	23.03.2005
	3. Daman & Diu	28.03.2005
	4. Dadra & Nagar Haveli	28.03.2005
Gandhar-II	1. Gujarat	21.03.2005
(1300 MW)	2. Maharashtra	23.3.2005
	3. Daman & Diu	28.03.2005
	4. Dadra & Nagar Haveli	28.03.2005

Implementation of new power projects

95. SHRI THANGA TAMIL SELVAN: Will the Minister of POWER be pleased to state:

(a) whether Government propose to implement new power projects to increase the power generation in the country;

(b) if so, the details thereof along with the financial outlay, State-wise; and

(c) if not, the reasons therefor?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) to (c) Identification of power projects for development and commissioning is an ongoing exercise.

In the Public Sector 33,094.92 MW worth projects are under execution at present. In addition, 6667.8 MW are under execution in Private Sector. The details of these projects are given in the Statement.